INTERNATIONAL SEARCH REPORT

Inti nal Application No PC I / bB2004/003122

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01D5/245									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS S	SEARCHED								
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01D									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
	ata base consulted during the International search (name of data bas ternal, WPI Data, PAJ	se and, where practical	l, search terms used)						
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category *	Citation of document, with indication, where appropriate, of the rele	Relevant to claim No.							
X Y A	DE 198 33 439 A (HEIDENHAIN GMBH JOHANNES) 11 February 1999 (1999- column 1, lines 3-20 column 4, lines 13-17		1-4,6,7, 9,11-14 10 5,8						
,	column 4, lines 13-17 column 4, lines 27-30 column 4, lines 39-43 column 4, line 63 - column 5, line column 7, lines 48-65 column 8, lines 31-35 column 10, lines 6-15 figures 1,2a,3a,4a	ne 7	3,3						
Υ	US 6 051 971 A (HOLDEN PETER G) 18 April 2000 (2000-04-18) column 3, lines 14-19 figures 3,4		10						
Further documents are listed in the continuation of box C.									
Special ca 'A' docume	blished after the international filing date and not in conflict with the application but								
'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date		cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to							
which citation 'O' docume	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means	"Y" document of partic cannot be consid document is com- ments, such com-	live step when the document is taken alone cular relevance; the claimed invention tered to involve an inventive step when the biblined with one or more other such docu- bination being obvious to a person skilled						
	ent published prior to the international filing date but han the priority date claimed	in the art. *&" document membe	er of the same patent family						
	actual completion of the international search	Date of mailing of 03/11/2	the international search report						
		ļ							
Name and r	malling address of the ISA European Palent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswljk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Doguer	i, A. K.						

INTERNATIONAL SEARCH REPORT

Inte ial Application No PC I / uB2004/003122

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 19833439	A	11-02-1999	DE AT DE DE WO EP JP US US	19833439 A1 229642 T 229171 T 19830925 A1 59806554 D1 59806597 D1 9908074 A1 0896206 A2 1002219 A1 11142114 A 2001512818 T 6198534 B1 6392224 B1	11-02-1999 15-12-2002 15-12-2002 11-02-1999 16-01-2003 23-01-2003 18-02-1999 10-02-1999 24-05-2000 28-05-1999 28-08-2001 06-03-2001 21-05-2002
US 6051971	Α	18- 04- 2000	AT DE DE EP WO JP	200707 T 69704593 D1 69704593 T2 0826138 A1 9734126 A1 11506211 T	15-05-2001 23-05-2001 09-08-2001 04-03-1998 18-09-1997 02-06-1999